

WAHNI ADNANI

AI Engineer — Software Engineer

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Professional Summary

Software Engineer with **5+ years** building full-stack applications and AI-driven systems. Specialized in ML, NLP, computer vision, and robotics. Proven track record designing intelligent solutions across web development, automation systems, and AI model implementation.

Professional Experience

AI Engineer

Nov 2024 – Present

Open Journal Theme (JATSeditor.com)

Banjarmasin, Indonesia

- Designed and deployed AI services for intelligent JATS file conversion and automated document processing
- Implemented ML, NLP, and LLMs to optimize processing pipelines and improve publication accuracy
- Fine-tuned models and integrated AI tools into existing platforms for enhanced capabilities

Software Engineer

Dec 2023 – Nov 2024

Open Journal Theme

Banjarmasin, Indonesia

- Architected monitoring and infrastructure management systems for government agencies at district and provincial levels
- Created JATS Editor platform enabling publishers to create and edit JATS/XML files for scientific publications
- Enhanced JATS/XML Viewer with accessibility improvements and contributed to technical architecture

Programmer

Dec 2020 – Nov 2023

Freelance

- Robotics Competition (KRI National 2023)** - Engineered autonomous navigation system using compass and distance sensors with custom algorithms, enabling robot to complete complex obstacle courses and perform multi-stage tasks
- Smart Robot System (PLN Competition 2022)** - Led 2-member team to 3rd place finish, developing Raspberry Pi-based robot with Computer Vision and Voice Recognition capabilities; implemented real-time colored object tracking using Python OpenCV and speech-to-command navigation system
- Fuzzy Logic Production Forecasting** - Built book production prediction system using Fuzzy Logic algorithms to optimize manufacturing decisions based on current stock levels and sales data, improving production planning efficiency

Education

Cyber Asia University

2025 – 2026

Bachelor of Informatics | GPA: 3.90/4.00

Politeknik Negeri Banjarmasin

2020 – 2023

Diploma in Informatics Engineering | GPA: 3.84/4.00

Technical Skills

Languages: Python, PHP, JavaScript, HTML, CSS, Go

Frameworks: Laravel, CodeIgniter, Svelte

AI/ML: Machine Learning, NLP, Computer Vision, LLMs, Model Fine-tuning

Database: MySQL, Database Design & Optimization

Tools: Git, GitHub, API Development, JATS/XML Processing, RESTful API Design

Robotics: Raspberry Pi, Arduino, Sensor Integration

Core Competencies

Problem Solving | Team Leadership | Agile Development | Technical Documentation | Continuous Learning

Languages

Indonesian: Native | **English:** Professional Working Proficiency

Interests

Robotics · Internet of Things (IoT) · Smart Systems · Bioinformatics